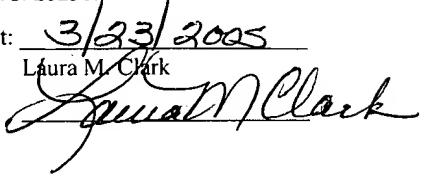


O I P E
MAR 28 2005
PATENT & TRADEMARK OFFICE
SC105
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: 3/23/2005

By: Laura M. Clark

Signature: 

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): Alcorn, Byron A. ATTY. DOCKET NO.: 10981094-1
SERIAL NO.: 09/547,065 EXAMINER: Nguyen, Phu K
FILED: 04/11/2000 ART UNIT: 2671
TITLE: COMPOSITING SEPARATELY-GENERATED THREE-DIMENSIONAL IMAGES
(As Amended)

SPECIAL COMMUNICATION

Sir:

Hewlett-Packard Company, assignee of the entire interest in the above-identified patent, respectfully requests the title of this patent application as reflected on the Issue Fee paperwork, and ultimately the issued patent grant, be conformed to the title as amended by the Response to Office Action filed July 12, 2002; such response was entered by the Patent Office on July 18, 2002. It is unclear whether the Patent Application Information Retrieval ("P.A.I.R.") system reflects the correct title (as amended) in the Title of Invention field because the "Title of Invention" field may be alphanumeric-limited and not reflect the extent of the title.

Enclosed herewith evidencing the correct title are 1) the Transmittal Letter for Response/Amendment dated July 12, 2002, 2) a copy of the respective Patent Office-stamped and dated postcard, 3) pages one and two of the Response and Amendment which request the amendment of the Title of this Patent Application to read as follows: **Compositing Separately-Generated Three-Dimensional Images** and 4) a screen print of the P.A.I.R. system for this application showing the Title of Invention as **Compositing Separately-Generated Three-Dimensional Images**

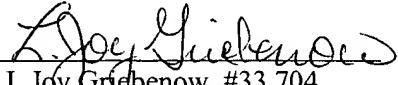
Kindly correct the title (as referenced above) prior to issuance of the granted patent.

Respectfully submitted,

7

Date: March 23, 2005

By


L.Joy Gribenow, #33,704
Attorney for Applicant
Hewlett-Packard Company

O I P E
M A R 2 8 2 0 0 5
U. S. PATENT & TRADEMARK OFFICE
**IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s): Byron A. Alcorn et al.

Confirmation No.: 3670

Application No.: 09/547,065

Examiner: Nguyen, Phu K

Filing Date: 04/11/2000

Group Art Unit: 2671

Title: COMPOSING SEPARATELY-GENERATED THREE-DIMENSIONAL IMAGES (formaly
COMPOSING SEPARATELY GENERATED 3D IMAGES USING A GRAPHICS RENDERING
PIPELINE)

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/A amendment Petition to extend time to respond
() New fee as calculated below Supplemental Declaration
(X) No additional fee (Address envelope to "Box Non-Fee Amendments")
() Other: _____ (fee \$ _____)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	30	MINUS	31	= 0	X \$18	\$ 0
INDEP. CLAIMS	5	MINUS	5	= 0	X \$84	\$ 0
[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$280	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$400.00	3RD MONTH \$920.00	4TH MONTH \$1440.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Respectfully submitted,

Byron A. Alcorn et al.

By _____

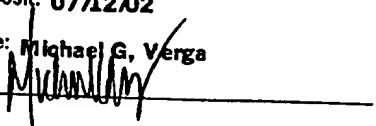
Michael G. Verga, Esq.

Attorney/Agent for Applicant(s)
Reg. No. 39,410

Date: 07/12/02

Date of Deposit: 07/12/02

Typed Name: Michael G. Verga

Signature: 



ATTORNEY DOCKET NO: 10981094-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: **Byron A. Alcorn et al.**
Serial No: **09/547,065**
Filed: **April 11, 2000**
For: **COMPOSITING SEPARATELY-GENERATED THREE-DIMENSIONAL IMAGES (As Amended)**

Examiner: **Nguyen, Phu, K.**
Art Unit: **2671**

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on the 12th day of July, 2002.



Michael G. Verga

RESPONSE AND AMENDMENT UNDER 37 C.F.R. §1.111

Box Non-Fee Amendment
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed April 12, 2002 (PTO Prosecution Paper No. 2), Applicants submits the following Amendments and Remarks. It is not believed that extension for time or fees for net addition of claims are required, beyond those which may otherwise be provided for in document accompanying this paper. However, if additional extensions of time are necessary to allow consideration of this paper, then such extensions of time are hereby petitioned under 37 C.F.R. 1.136(a), and any fees required therefore, including fees for net addition of claims, are hereby authorized to be charged to Deposit Account No. 08-2025.

AMENDMENTS

Please amend the above-identified application as follows:

In The Specification

Please amend the title at page 1, lines 1-2 of the application to read:

COMPOSITING SEPARATELY-GENERATED THREE-DIMENSIONAL IMAGES

In The Claims

Please cancel claims 5, 9, 11, 12 and 15-17 without prejudice or disclaimer.

Please substitute the following claims 2, 3, 6, 10, 13, 14, 18, 19, 21, 28, 30 and 31 for claims of the same number previously pending.

2. (Amended) The graphics system of claim 1, wherein said 2D and 3D images are represented by pixel data.

3. (Amended) The graphics system of claim 1, wherein the graphics system comprises a rendering pipeline comprising:

a geometric pipeline constructed and arranged to generate a two-dimensional image from one or more model views represented by primitive data; and
said imaging pipeline.

6. (Amended) The graphics system of claim 1,

wherein the graphics system further comprises a frame buffer for storing pixel data to be displayed on a display device, and

wherein said 3D images to be composited comprise:

a stored image stored in the frame buffer; and

a next image to be composited with the stored image.

Dear Sir:

Please acknowledge receipt of the following document(s)

re U. S. Patent Application PD No. 10991094-1

Atty. LIG S/N: 09/547,065 File Date: JULY 18, 2002

Inventor: BYRON A. AICORN ET AL

Title: COMPOSING SEPARATELY-GENERATED THREE-DIMENSIONAL
IMAGES (AS AMENDED)

- RESPONSE and Amendment
- TRANSMISSION (EX.)



L. SOY GRIEBENOW, ESG
Hewlett-Packard Company
Legal Dept. / MS 79
3404 E. Harmony Rd.
Fort Collins, CO 80528-9599



United States Patent and Trademark Office

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PATENT APPLICATION INFORMATION RETRIEVAL

Search results as of: 3-11-2005::16:20:51 E.T.

Search results for application number: 09/547,065			
Application Number:	09/547,065	Customer Number:	22879
Filing or 371(c) Date:	04-11-2000	Status:	Allowed -- Notice of Allowance Mailed -- Issue Revision Completed
Application Type:	Utility	Status Date:	12-28-2004
Examiner Name:	NGUYEN, PHU K	Location:	ELECTRONIC
Group Art Unit:	2671	Location Date:	-
Confirmation Number:	3670	Earliest Publication No:	-
Attorney Docket Number:	10981094-1	Earliest Publication Date:	-
Class/ Sub-Class:	345/419	Patent Number:	-
First Named Inventor:	Byron Alcorn, Fort Collins, CO	Issue Date of Patent:	-
Title Of Invention:	COMPOSITING SEPARATELY-GENERATED THREE-DIMENSIONAL IMAGES		

Search Options

Assignments
Display References
Image File Wrapper
Patent Term Extension History
Publication Review

File History

Date	Contents Description
01-13-2005	Workflow - File Sent to Contractor
12-28-2004	Mail Notice of Allowance
12-28-2004	Mail Formal Drawings Required
12-27-2004	Issue Revision Completed
12-27-2004	Formal Drawings Required
12-27-2004	Notice of Allowance Data Verification Completed
12-27-2004	Notice of Allowability
10-08-2004	IFW TSS Processing by Tech Center Complete
10-08-2004	Date Forwarded to Examiner
06-29-2004	Response after Non-Final Action
01-16-2002	Reference capture on IDS
03-29-2004	Mail Non-Final Rejection
03-22-2004	Non-Final Rejection
01-15-2004	Date Forwarded to Examiner

01-07-2004	Response after Non-Final Action
10-06-2003	Mail Non-Final Rejection
10-01-2003	Non-Final Rejection
07-31-2003	Date Forwarded to Examiner
07-25-2003	Response after Non-Final Action
04-23-2003	Mail Non-Final Rejection
04-21-2003	Non-Final Rejection
02-11-2003	Date Forwarded to Examiner
02-11-2003	Date Forwarded to Examiner
02-07-2003	Request for Continued Examination (RCE)
02-11-2003	DISPOSAL FOR A RCE/CPA/129 (express abandonment if CPA)
02-07-2003	Workflow - Request for RCE - Begin
12-23-2002	Mail Advisory Action (PTOL - 303)
12-20-2002	Advisory Action (PTOL-303)
12-12-2002	Date Forwarded to Examiner
12-09-2002	Amendment after Final Rejection
10-02-2002	Mail Final Rejection (PTOL - 326)
10-01-2002	Final Rejection
07-26-2002	Date Forwarded to Examiner
07-18-2002	Response after Non-Final Action
04-12-2002	Mail Non-Final Rejection
04-08-2002	Non-Final Rejection
03-22-2002	Case Docketed to Examiner in GAU
01-16-2002	Information Disclosure Statement (IDS) Filed
10-06-2000	Case Docketed to Examiner in GAU
09-11-2000	Preliminary Amendment
08-02-2000	Case Docketed to Examiner in GAU
06-20-2000	Application Dispatched from OIPE
06-20-2000	Correspondence Address Change
05-02-2000	IFW Scan & PACR Auto Security Review
04-11-2000	Initial Exam Team nn

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 10981094 -1



IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Byron A. Alcorn et al

Confirmation No.: 3670

Application No.: 09/547065

Examiner: Nguyen, Phu K.

Filing Date: Apr 11, 2000

Group Art Unit: 2671

Title: Compositing Separately-Generated Three-Dimensional Images

Mail Stop PGPUB Drawings
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

DRAWING TRANSMITTAL LETTER

Sir:

Enclosed herewith please find:

() _____ sheets of redlined drawing(s) which indicate proposed changes to the drawing(s). Upon approval of these proposed changes, formal drawing(s) will be submitted.

() _____ sheets of corrected formal drawing(s), as required by the Notice of Patent Drawings Objection (PTO-948) which accompanied the Office Action dated _____.

(X) 7 sheets of corrected formal drawing(s), as required by the Notice of Patent Drawings Objection (PTO-948) and approved in the Notice of Allowability dated 12/28/2004.

() _____ sheets of formal drawing(s). Please substitute these formal drawing(s) for the informal drawing(s) originally filed.

() _____

Examiner's approval of the entry of these drawings is respectfully requested. No new matter has been added.

Respectfully submitted,

Byron A. Alcorn et al

By L.Joy Griebenow
L.Joy Griebenow

Attorney/Agent for Applicant(s)
Reg. No. 33,704

Date: March 28, 2005

Telephone No.: 970 898 3884

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Date of Deposit: 3/23/2005

Typed Name: Laura M. Clark

Signature: Laura M. Clark